

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062118\
 Data File : VN049469.D
 Acq On : 21 Jun 2018 15:26
 Operator : MD\SY
 Sample : VN0621WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS01

Manual Integrations
 APPROVED

apatel
 6/22/2018 1:57:52 PM

Quant Time: Jun 22 04:16:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1362884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2049321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1808026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	884512	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	879148	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
35) Dibromofluoromethane	7.59	113	790123	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
50) Toluene-d8	10.09	98	2887268	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
62) 4-Bromofluorobenzene	12.40	95	953081	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	293527	18.71	ug/l	99
3) Chloromethane	2.06	50	364402	17.99	ug/l	98
4) Vinyl Chloride	2.18	62	400984	18.63	ug/l	98
5) Bromomethane	2.57	94	201661	17.82	ug/l	99
6) Chloroethane	2.70	64	256057	19.95	ug/l	100
7) Trichlorofluoromethane	3.02	101	529194	19.70	ug/l	97
8) Diethyl Ether	3.41	74	185601	19.79	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	326817	19.19	ug/l	93
10) Methyl Iodide	3.95	142	342874	19.34	ug/l	92
11) Tert butyl alcohol	4.80	59	104667	98.65	ug/l #	87
12) 1,1-Dichloroethene	3.73	96	291365	18.65	ug/l	94
13) Acrolein	3.61	56	115650	103.95	ug/l	97
14) Allyl chloride	4.32	41	461136	18.69	ug/l	90
15) Acrylonitrile	4.99	53	535532	100.95	ug/l	99
16) Acetone	3.82	43	452908	103.19	ug/l	95
17) Carbon Disulfide	4.05	76	863161	17.62	ug/l	98
18) Methyl Acetate	4.33	43	309338	23.12	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	790496	19.84	ug/l	99
20) Methylene Chloride	4.55	84	358036	19.53	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	309120	18.68	ug/l	93
22) Diisopropyl ether	5.96	45	986111	20.01	ug/l	99
23) Vinyl Acetate	5.90	43	3158977	98.34	ug/l	96
24) 1,1-Dichloroethane	5.85	63	610353	19.35	ug/l	98
25) 2-Butanone	6.84	43	607646	103.11	ug/l	95
26) 2,2-Dichloropropane	6.83	77	489327	19.21	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	358183	19.47	ug/l	91
28) Bromochloromethane	7.20	49	260182	18.61	ug/l	85
29) Tetrahydrofuran	7.22	42	384351	101.32	ug/l	93
30) Chloroform	7.37	83	621649	19.81	ug/l	99
31) Cyclohexane	7.66	56	508757	18.92	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	533860	19.94	ug/l	97
36) 1,1-Dichloropropene	7.79	75	448965	19.12	ug/l	98
37) Ethyl Acetate	6.93	43	278017	21.77	ug/l	98
38) Carbon Tetrachloride	7.77	117	468343	19.26	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	459631	18.23	ug/l	96
40) Benzene	8.04	78	1382399	19.20	ug/l	100
41) Methacrylonitrile	7.18	41	138010	19.99	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	440310	19.79	ug/l	97
43) Isopropyl Acetate	8.17	43	564666	23.15	ug/l	96
44) Trichloroethene	8.84	130	370495	19.48	ug/l	93
45) 1,2-Dichloropropane	9.12	63	364106	19.31	ug/l	99
46) Dibromomethane	9.21	93	219814	20.11	ug/l	92
47) Bromodichloromethane	9.40	83	474471	19.75	ug/l	96
48) Methyl methacrylate	9.20	41	238621	20.77	ug/l	87
49) 1,4-Dioxane	9.20	88	62592	394.75	ug/l #	93
51) 4-Methyl-2-Pentanone	9.99	43	1345162	105.20	ug/l	94
52) Toluene	10.16	92	842909	19.94	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	437525	19.04	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	515621	19.00	ug/l	91
55) 1,1,2-Trichloroethane	10.56	97	313287	19.88	ug/l	98
56) Ethyl methacrylate	10.43	69	361774	19.90	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	515532	19.75	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	447654	79.27	ug/l	96
59) 2-Hexanone	10.76	43	860971	104.44	ug/l	94
60) Dibromochloromethane	10.90	129	351989	20.02	ug/l	99
61) 1,2-Dibromoethane	11.01	107	297281	20.30	ug/l	99
64) Tetrachloroethene	10.63	164	414009	22.35	ug/l	98
65) Chlorobenzene	11.44	112	908738	19.51	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	350752	20.01	ug/l	99
67) Ethyl Benzene	11.51	91	1516150	19.63	ug/l	98
68) m/p-Xylenes	11.63	106	1178272	40.64	ug/l	96
69) o-Xylene	11.95	106	562341	20.14	ug/l	94
70) Styrene	11.97	104	897022	20.36	ug/l	98
71) Bromoform	12.13	173	237226	20.91	ug/l #	98
73) Isopropylbenzene	12.25	105	1489318	19.18	ug/l	98
74) N-amyl acetate	12.07	43	360310	18.94	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.51	83	347979	20.46	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	302687m	20.06	ug/l	
77) Bromobenzene	12.53	156	386150	18.82	ug/l	90
78) n-propylbenzene	12.59	91	1659275	19.46	ug/l	100
79) 2-Chlorotoluene	12.68	91	1029324	19.05	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	1209499	19.81	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	92897	19.45	ug/l	94
82) 4-Chlorotoluene	12.78	91	1013929	19.45	ug/l	97
83) tert-Butylbenzene	12.99	119	1014779	18.76	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1212214	19.99	ug/l	99
85) sec-Butylbenzene	13.17	105	1364955	18.96	ug/l	99
86) p-Isopropyltoluene	13.29	119	1141354	18.98	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	629645	18.66	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	615596	18.40	ug/l	100
89) n-Butylbenzene	13.62	91	812529	17.30	ug/l	99
90) Hexachloroethane	13.88	117	240021	20.07	ug/l	87
91) 1,2-Dichlorobenzene	13.66	146	627022	18.94	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	50749	18.77	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	185548	15.81	ug/l	99
94) Hexachlorobutadiene	15.01	225	196171	18.55	ug/l	99
95) Naphthalene	15.14	128	357192	16.07	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	208381	16.54	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

